WHAT IS CLAIMED IS:

1.   A power-save computing apparatus, comprising a device information administrator for detecting a fluctuation in a total consumed power of one or more power-consuming devices, determining a consumed power to be changed so as to suppress the fluctuation, and outputting the determined consumed power to be changed.

2.   A power-save computing apparatus according to claim 1, further comprising:

a power-save determinator for generating and outputting a control command for at least one of the one or more devices so that the total consumed power changes in accordance with the consumed power to be changed outputted from the device information administrator, and

a device controller for controlling the at least one device in accordance with the control command outputted from the power-save determinator.

3.   A power-save computing apparatus according to claim 2, wherein the power-save determinator possesses a rule for converting the consumed power to be changed into a control command for each of the one or more devices, and the power-save determinator generates and outputs the control command to the at least one device in accordance with the rule.

4.   A power-save computing apparatus according to claim 3, further comprising a storage for storing a rule for converting the consumed power to be changed into a control command for a device addable to the one or more devices, wherein the device information administrator causes the power-save determinator to possess the rule stored in the storage in

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correspondence with the added device if the addable device is added to the one ore more devices.

5. A power-save computing apparatus according to claim 2, wherein the device controller has a controlled state administration table carrying information on a content of operation and a permissible operation range for each of at least some of the one or more devices, and, if some content of operation exceeds the permissible range, then prohibits the power-save determinator from outputting the control command corresponding to the some content of operation.

6. A power-save computing apparatus according to claim 2, wherein the device controller has a controlled state administration table carrying information on a content of operation and a permissible lapse of time of an operation following the control-command for each of at least some of the one or more devices, and, if a lapse of time after some content of operation was changed into an operation following the control-command exceeds the corresponding permissible lapse of time, then prohibits the power-save determinator from outputting the control command corresponding to the some content of operation.

7. A power-save computing apparatus according to claim 2, wherein a battery as a power source for supplying a power to the one or more devices is connected with the one or more devices, and upon detecting a fluctuation in the total consumed power in decreasing direction, the device information administrator generates and outputs the consumed power to be changed only when a power-saving effect for the battery when the decrease in the total consumed power is suppressed is better than the one for the

battery caused by the decrease in the total consumed power.

8.   A power-save computing apparatus according to claim 1, wherein the device information administrator holds a changing pattern of a consumed power of each of the one or more devices or a changing pattern of the total consumed power of the one or more devices; predicts a future value of the total consumed power based on any one of the patterns and detection results of a fluctuation in the total consumed power of the one or more devices; and determines and outputs the consumed power to be changed so as to suppress a future fluctuation in the total consumed power.

9.   A power-save computing apparatus according to claim 1, wherein the power-save computing apparatus is included in the one or more devices.

10.   A power-save computing method, comprising the steps of:

detecting a fluctuation in a total consumed power of one or more power-consuming devices,

determining a consumed power to be changed so as to suppress the detected fluctuation in the total consumed power,

generating a control command for at least one of the one or more devices so that the total consumed power changes in accordance with the determined consumed power to be changed, and

controlling the at least one device in accordance with the generated control command.

11.   A program for causing a computer to realize:

a function of detecting a fluctuation in a total consumed power of one or more power-consuming devices, and

a function of determining a consumed power to be changed so as to suppress the detected fluctuation in the total consumed power.

12.   A program product, comprising:

a program for causing a computer to realize a function of detecting a fluctuation in a total consumed power of one or more power-consuming devices, and a function of determining a consumed power to be changed so as to suppress the detected fluctuation in the total consumed power, and

a signal holding medium for holding the program.

13.   A program product according to claim 12, wherein the signal holding medium is at least one of a storage medium and a transmission medium.